

I. Amendments to the Specification

On page 9, fourth full paragraph, please replace as follows:

Now referring to FIG. 10, the alternative lance tube assembly 12a includes a first high pressure passage for conducting cleaning media from the first nozzle assembly 78 to the second nozzle assembly 80 and a ~~third~~ second high pressure passage 82 for conducting cleaning media from the hub 21a to the first nozzle assembly 78. Specifically, the first high pressure passage includes shown as a pair of stainless steel cylindrical tubes 32a with a first ends 34a and a second ends 35a, as described above, where the first ends 34a of the cylindrical tubes 32a are permanently mounted to the first nozzle assembly 78 by brazing, welding, or some other suitable method, and the second ends 35a of the cylindrical tubes 32a are slidably engaged with the second nozzle assembly 80 in the same manner as described for the preferred embodiment above. A shield assembly 36a is attached to and extends from the upstream nozzle assembly 80 to support and protect the cylindrical tubes 32a. However, in this embodiment, tubes 32a are not exposed to contact with the feed tube.

On page 9, fifth full paragraph, please replace as follows:

The second embodiment 12a includes a hollow cylindrical sleeve 84 extending between the hub 21a and the first nozzle assembly 78. The sleeve 84 has a diameter smaller than the first tube section 13a, thereby leaving an annular space between the inner wall of the lance tube 12 and the external wall of the

sleeve 84. The ~~third~~ second high-pressure passage 82 is defined by this annular space.

On page 10, first full paragraph, please replace as follows:

The second embodiment of lance tube assembly 12a further includes a ~~fourth-~~ third high-pressure passage 88 for conducting cleaning media from an external source to the first nozzle assembly 78. The ~~fourth~~ third high-pressure passage 88 is defined by the inner wall of the sleeve 84. The sleeve 84 is permanently mounted to the first nozzle assembly 78 at one end, and sealed to the hub 21a at the other end, thereby keeping the ~~third~~ second high pressure passage 82 and ~~fourth~~ third high pressure passage 88 independent of each other.

On page 10, third full paragraph, please replace as follows:

The hub 21a includes an annular inner shoulder 98, and the manifold 25a includes a raised annular face 100. The sleeve seal assembly 96 includes a number of rings 102 of a compressible material, preferably graphoil or Teflon, however, other suitable material could be used. The rings 102 are stacked upon one another and placed within the hub 21a to rest against the annular inner shoulder 98. When the manifold 25a is placed to the hub 21a, the rings 102 are compressed between the annular inner shoulder 98 and the raised annular face 100 of the manifold 25a. The first end 85 of the sleeve 84 extends within the rings 102, and is allowed to slide back and forth within the stack of rings 102

while maintaining a sealed path from the feed tube 60 to the ~~fourth~~ third high pressure passage 88.

On page 10, fourth full paragraph, please replace as follows:

The second nozzle assembly 80 includes one or more outer passages 56 in fluid communication with the first nozzles 50 for conducting cleaning media from the cylindrical tubes 32a to the first nozzles 50, and a central passage 58 in fluid communication with the second nozzles 52 for conducting cleaning media from the ~~second~~ fourth high pressure passage 54a to the second nozzles 52. The second nozzle assembly 80 of the second embodiment 12a is identical to the nozzle assembly 18 of the preferred embodiment 12 as described above.

On page 11, please replace the first four paragraphs as follows:

Now referring to FIG. 11, the first nozzle assembly 78 includes one or more outer passages 92 in fluid communication with the water nozzles 50 and the cylindrical tubes 32a for conducting cleaning media from the ~~third~~ second high pressure passage 82 to the water nozzles 50 and to the cylindrical tubes 32a.

In operation, water enters the lance tube assembly 12 through the ~~third~~ second high pressure passage 82, is fed to the first nozzle assembly 78 where some of the water is forced through the water nozzles 50 and the remaining water is conducted through the outer passages 92 to the first ends 34a of the

cylindrical tubes 32a to be conducted to the water nozzles 50 of the second nozzle assembly 80.

Referring to FIG. 15, the hub 21a includes an aperture 86 for connecting the ~~third~~ second high-pressure passage 82 to an external supply of cleaning media, preferably water.

Now referring to FIGS. 13 and 14, the first nozzle assembly 78 further includes a central passage 94 in fluid communication with the second nozzles 52 and the ~~second~~ fourth high pressure passage 54a for conducting cleaning media from the ~~fourth~~ third high pressure passage 88 to the steam nozzles 52 and to the ~~second~~ fourth high pressure passage 54a. A feed tube 60, the same as described above for the preferred embodiment, supplies steam to the ~~fourth~~ third high-pressure passage 88. The feed tube 60 is mounted stationary with respect to the heat exchanger and telescopes within the ~~fourth~~ third high pressure passage 88 as the lance tube assembly 12a is stroked back and forth within the heat exchanger. In operation, steam is supplied to the ~~fourth~~ third high-pressure passage 88 and flows to the central passage 94 in the first nozzle assembly 78. Some of the steam is forced out the steam nozzles 52 in the first nozzle assembly 78, and the remaining steam is forced though the central passage 94 into the ~~second~~ fourth high pressure passage 54a to be conducted to the steam nozzles 52 of the second nozzle assembly 80.